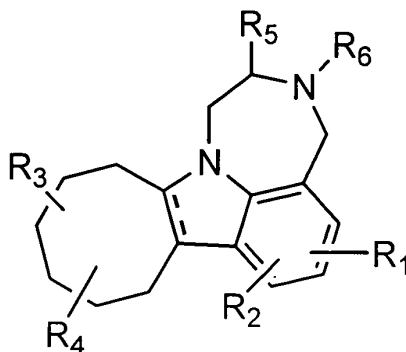


What is Claimed:

1. A compound of the formula:



I

- 5 wherein:

R_1 and R_2 are each independently selected from hydrogen, alkyl of 1-6 carbon atoms, cycloalkyl of 3 to 7 carbon atoms, alkoxy of 1-6 carbon atoms, halogen, fluorinated alkyl of 1-6 carbon atoms, -CN, -NH-SO₂-alkyl of 1-6 carbon atoms, -SO₂-NH-alkyl of 1-6 carbon atoms, alkyl amide of 1-6 carbon atoms, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 1-6 carbon atoms per alkyl moiety, fluorinated alkoxy of 1-6 carbon atoms, acyl of 2-7 carbon atoms, or aroyl;

R_3 , R_4 are each independently hydrogen, C₁-C₆ alkyl, C₃-C₇ cycloalkyl or -CH₂-C₃-C₇ cycloalkyl;

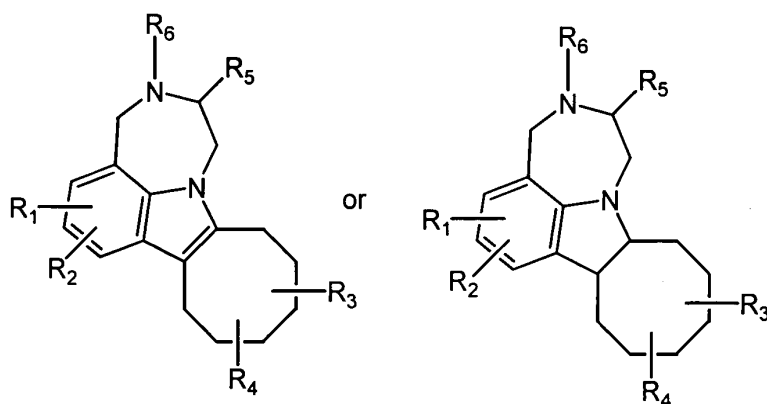
- 15 R_5 is hydrogen or C₁-C₆ alkyl;

R_6 is hydrogen or C₁-C₆ alkyl; and

the dashed line indicates an optional double bond;

or a pharmaceutically acceptable salt thereof.

- 20 2. A compound of Claim 1 of the formula:



wherein:

R₁ and R₂ are each independently selected from hydrogen, alkyl of 1-6 carbon atoms, cycloalkyl of 3 to 7 carbon atoms, alkoxy of 1-6 carbon atoms, halogen, trifluoromethyl, -CN, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 1-6 carbon atoms per alkyl moiety, or trifluoromethoxy;

R₃, R₄ are each independently hydrogen or C₁-C₆ alkyl;

R₅ is hydrogen or C₁-C₆ alkyl;

R₆ is hydrogen or C₁-C₆ alkyl;

or a pharmaceutically acceptable salt thereof.

3. A compound of Claim 2 wherein R₁, R₂, R₃, R₄, R₅, and R₆ are independently selected from H or alkyl of 1-6 carbon atoms, or a pharmaceutically acceptable salt thereof.

4. A compound of Claim 1 which is 1,2,3,4,8,9,10,11,12,13-Decahydrocycloocta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

5. A compound of Claim 1 which is 1,2,3,4,7b,8,9,10,11,12,13,13a-Dodecahydrocycloocta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

6. A pharmaceutical composition comprising a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier or excipient.

7. A pharmaceutical composition of Claim 6 comprising a pharmaceutically effective amount of 1,2,3,4,8,9,10,11,12,13-Decahydrocycloocta[b][1,4]diazepino[6,7,1-hi]indole, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier or excipient.

8. A pharmaceutical composition of Claim 6 comprising a pharmaceutically effective amount of 1,2,3,4,7b,8,9,10,11,12,13,13a-Dodecahydrocycloocta[b][1,4]diazepino[6,7,1-hi]indole, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier or excipient.

9. A method of treatment of obsessive-compulsive disorder in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.

10. A method of treatment of depression in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.

11. A method of treatment of anxiety in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.